



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/609,238	06/27/2003	Jean D. Paoli	301662.01	7738
69316 7590 05/30/2008 MICROSOFT CORPORATION ONE MICROSOFT WAY REDMOND, WA 98052				
EXAMINER				
NGUYEN, LE V				
ART UNIT		PAPER NUMBER		
2174				
MAIL DATE		DELIVERY MODE		
05/30/2008		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/609,238

Applicant(s)

PAOLI ET AL.

Examiner

LE NGUYEN

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 July 2007.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-83 is/are pending in the application.
4a) Of the above claim(s) 62 is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-14, 63 and 64 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/CI/CD)
Paper No(s)/Mail Date 5/20/08 and 2/14/08
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____

DETAILED ACTION

1. This communication is responsive to an amendment filed 2/29/08.
2. Claims 1-14 and 63-64 are pending in this application; claims 1, 63 and 64 are independent claims; and, claim 62 is drawn to the non-elected claim and is withdrawn from consideration. Claims 15-62 and 65-83 have been cancelled. As applicant has not submit a declaration disclosing that the Larcheveque et al. reference and the present application are commonly assigned, applicant's argument, see page 20, lines 13-16, filed 2/29/08, with respect to the rejection(s) of claim(s) 1-3, 5, 7-9, 11, 12, 14 and 63-64 under 35 U.S.C. 102(e) as being anticipated by Larvecheque et al. is not persuasive. Therefore, this action is made Final.
3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim Rejections - 35 USC § 112

4. Claims 1-14 and 63-65 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In regards to claim 7, it is unclear what is meant by "primarily data" since the limits of what constitutes as "primarily" is not described.

Claim Rejections - 35 USC § 102

5. Claims 1-3, 5, 7-9, 11, 12, 14 and 63-64 are rejected under 35 U.S.C. 102(e) as being anticipated by Larcheveque et al. ("Larcheveque", US 2004/0226002).

As per claims 1 and 14, Larcheveque teaches a method and computer-readable medium comprising computer-executable instructions that perform the method comprising: receiving input to open a data file having a solution (fig. 2); discovering/deploying, without user interaction, the solution, i.e. discovering/deploying a solution (par. [0092]); displaying, by opening the data file with the solution, an electronic form having operable fields (figs. 2, 4-8, 17-25); and enabling a user to enter data into the operable fields of the electronic form, wherein the solution defines the availability of one or more actions to the user when entering the data into each said operable field of the electronic form (par. [0092]).

As per claim 2, Larcheveque teaches a method and computer-readable medium comprising computer-executable instructions that perform the method comprising receiving data entered into the operable fields of the electronic form and altering the data in the data file so as to correspondingly reflect the data received (par. [0042]).

As per claim 3, Larcheveque teaches a method and computer-readable medium comprising computer-executable instructions that perform the method wherein the availability of one or more actions to the user concurs with an event elected from the group consisting of: an association of an input device being used by the user with one said operable field (par. [0048] and [0052]); a cursor position corresponding to an input device being used by the user is proximal to one said operable field (par. [0052]); one

said operable field is selected by the user by use of an input device (par. [0048], mouse 114); one said operable field on the electronic form is made to be an active field by operation of an input device being used by the user (par. [0052]); specific conditions are met wherein specific conditions are met with respect to the data in the one said operable field (par. [0092]; otherwise an error may be generated); when the user's mouse pointer for an input device rests over, within, or proximal to an editable region of one said operable field (par. [0052]); when the user's mouse pointer for an input device rests over, within, or proximal to an editable region of one said operable field and the mouse is clicked one or more times (par. [0052]).

As per claim 5, Larcheveque teaches a method and computer-readable medium comprising computer-executable instructions that perform the method wherein the availability of each said action is determined on the basis of the context of each said operable field of the electronic form with respect to at least one other said operable field of the electronic form (par. [0092]).

As per claim 7, Larcheveque teaches a method and computer-readable medium comprising computer-executable instructions that perform the method wherein the data file includes primarily data (par. [0042]).

As per claim 8, Larcheveque teaches a method and computer-readable medium comprising computer-executable instructions that perform the method wherein the data file is written in XML (Abstract).

As per claim 9, Larcheveque teaches a method and computer-readable medium comprising computer-executable instructions that perform the method wherein: the

solution includes a presentation application that includes the electronic form and the presentation file contains logic to gives the display of the electronic form a graphical, visual representation of the operable fields (figs. 2, 4-8, 17-25).

As per claim 11, Larcheveque teaches a method and computer-readable medium comprising computer-executable instructions that perform the method wherein the solution includes a logic application for ensuring the validity of the received data that is entered into the operable fields of the electronic form (par. [0097]).

As per claim 12, Larcheveque teaches a method and computer-readable medium comprising computer-executable instructions that perform the method wherein the logic application includes an XML schema (Abstract; implemented in XML and generates XML schema).

Claim 63 is similar in scope to claim 2 and is therefore rejected under similar rationale.

Claim 64 is similar in scope to claim 3 and is therefore rejected under similar rationale.

Claim Rejections - 35 USC § 103

6. Claims 4, 6, 10 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Larcheveque et al. ("Larcheveque", US 2004/0226002).

As per claim 4, Larcheveque teaches a method and computer-readable medium comprising computer-executable instructions that perform the method wherein each said action is selected from the group consisting of: a request for *one or more of a*

display of a menu and an activation of a menu item of a menu (par. [0092] and [0202]); an editing operation with respect to data in *at least one* said operable field that is one or more of an undo function, a redo function, a copy function, a cut function, a paste function, an insertion of a hyperlink, and a carriage return or line feed function; performing a character formatting operation with respect to data in at least one said operable field that is one or more of a boldface, an italics, an underlining, a change of font size or font color, character spacing, and text effects (par. [0052]); and adding, entering, updating or deleting, with respect to at least one said operable field, one or more of a repeating operable field, an optional operable field, a spreadsheet, a table, a row or a column in a table, a text box, multiple spaces, a header, a footer, an image, a graphic, a picture, a link to an image, a link to a graphic, a link to a picture, single line plain text, multi-line plain text, single line formatted text, multi-line formatted text, rich text, a whole number, a decimal, a true/false distinction, a date, and a time (par. [0052]). Larcheveque does not explicitly disclose the menu being a tool bar wherein users can activate a command tool. Official Notice is taken that menus in a tool bar format wherein users can activate a command tool are well known in the art. It would have been obvious to an artisan at the time of the invention to incorporate a tool bar format wherein users can activate a command tool to the method of Larcheveque in order to provide users with an implementation preference.

As per claim 6, although Larcheveque teaches a method and computer-readable medium comprising computer-executable instructions that perform the method and computer-readable medium comprising computer-executable instructions that perform

the method comprising discovering the solution (par. [0092]), Larcheveque does not explicitly disclose discovering a solution identifier in the data file, computing a special name from the solution identifier, and discovering the solution using the special name. Official Notice is taken that having an identifier and looking up the name from a look up table such as in the case wherein a hash map computes a name from the identifier is well known in the art. It would have been obvious to an artisan at the time of the invention to incorporate a data file containing an identifier wherein from the identifier, a name of a solution is computed to the method of Larcheveque given that saving as an identifier or hash rather than the actual name is more compact and, therefore, saves space.

As per claim 10, although Larcheveque teaches a method and computer-readable medium comprising computer-executable instructions that perform the method comprising a presentation application (figs. 2, 4-8, 17-25; par. [0092]), Larcheveque does not explicitly disclose the presentation application being written in XSLT. Official Notice is taken that presentation applications being written in XSLT is well known in the art. It would have been obvious to an artisan at the time of the invention to incorporate the method of having presentation applications written in XSLT with the method of Larcheveque given in order to provide a nice format and transform, for example, XML to other formats given that some devices support only certain formats.

As per claim 13, although Larcheveque teaches a method and computer-readable medium comprising computer-executable instructions that perform the method comprising an electronic form (2, 4-8, 17-25), Larcheveque does not explicitly disclose it

being written in XHTML. Official Notice is taken that using XHTML is well known in the art. It would have been obvious to an artisan at the time of the invention to incorporate XHTML to the method of Larcheveque in order to display such things as forms in browsers wherein displaying in browsers are additionally beneficial in that it does not require additional installation of software on desktops which would require additional support costs and that it is flexible, allowing users to access such things as forms from anywhere.

Response to Arguments

7. Applicant's arguments filed 2/29/08 have been fully considered but they are not persuasive.

Applicant argued the following:

While the Larvecheque reference does mention a solution, it does not describe deploying or discovering of a solution, i.e. a solution defining the availability of one or more actions to the user when entering the data into each said operable field of the electronic form.

The Office disagrees for the following reasons:

Upon a user entering data into an operable field of the electronic form, Larvecheque teaches deploying or discovering a solution via the availability of one or more actions to the user during the validation step to confirm input data (par. [0097]). Furthermore, the Office notes that applicant did not contest the factual assertions set

Art Unit: 2174

forth under Official Notice in paragraphs two through five of section nine of the Office Action of 10/30/07.

Inquires

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Lê Nguyen whose telephone number is **(571) 272-4068**. The examiner can normally be reached on Monday - Friday from 7:00 am to 3:30 pm (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley, can be reached at (571) 272-3923.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

lvn
Patent Examiner
May 26, 2008

/David A Wiley/

Application/Control Number: 10/609,238

Page 10

Art Unit: 2174

Supervisory Patent Examiner, Art Unit 2174